

Census Bureau Product Update

Arizona State Data Center Annual Meeting
September 20, 2018

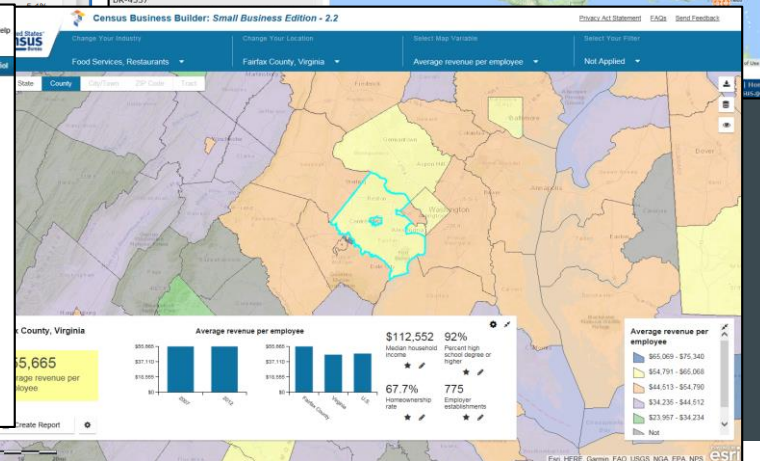
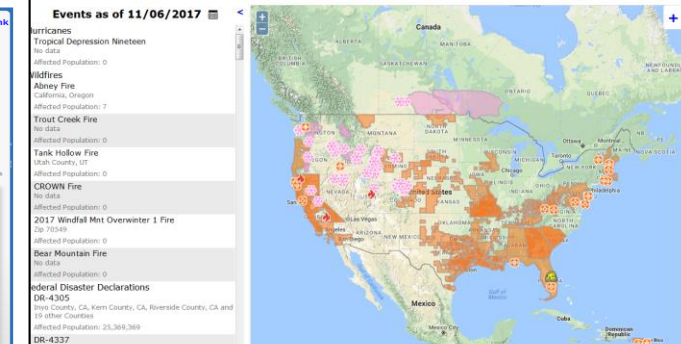
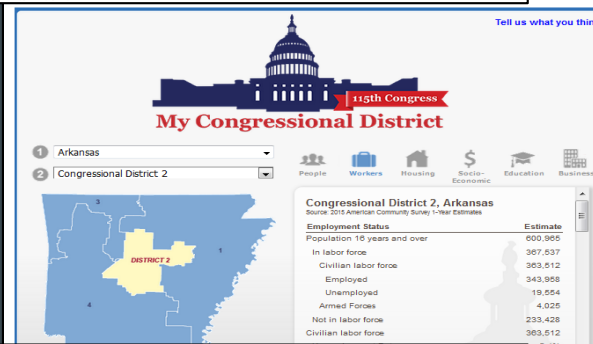
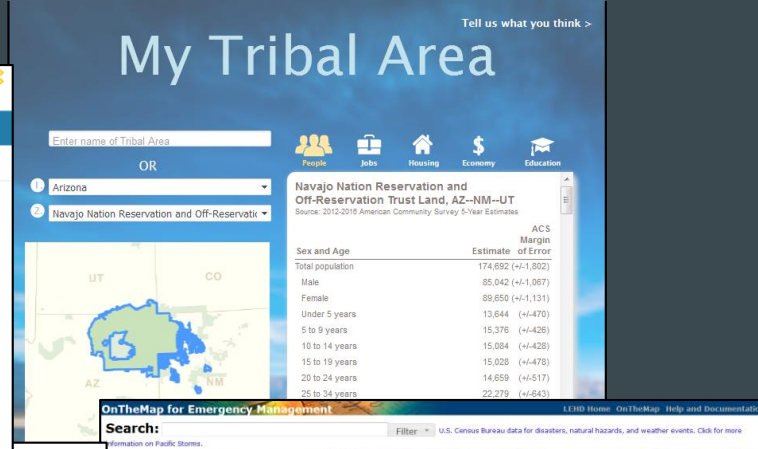
Presented by: Eric Coyle
Data Dissemination Specialist
U.S. Census Bureau

QuickFacts
selected: Van Buren County, Michigan; Kalamazoo County, Michigan; UNITED STATES
QuickFacts provides statistics for all states and counties, and for cities and towns with a population of 5,000 or more.

Enter state, county, city, town, or zip code Select a fact

Table

All Topics	Van Buren County, Michigan	Kalamazoo County, Michigan	UNITED STATES
PEOPLE			
Population estimates, July 1, 2016, (V2016)	75,223	261,654	323,127,513
Population			
Population estimates, July 1, 2016, (V2016)	75,223	261,654	323,127,513
Population estimates base, April 1, 2010, (V2010)	76,265	250,327	308,756,105
Population, percent change - April 1, 2010 (estimate base) to July 1, 2016, (V2016)	-1.4%	4.5%	4.7%
Population, Census, April 1, 2010	76,258	250,331	308,745,538
Age and Sex			
Persons under 5 years, percent, July 1, 2016, (V2016)	5.2%	5.1%	5.2%
Persons under 5 years, percent, April 1, 2010	6.4%	6.3%	6.5%
Persons under 18 years, percent, July 1, 2016, (V2016)	23.8%	21.8%	22.8%
Persons under 18 years, percent, April 1, 2010	25.5%	22.7%	24.0%
Persons 65 years and over, percent, July 1, 2016, (V2016)	17.0%	14.3%	15.2%
Persons 65 years and over, percent, April 1, 2010	13.8%	12.3%	13.0%
Female persons, percent, July 1, 2016, (V2016)	50.2%	51.0%	50.8%
Female persons, percent, April 1, 2010	50.4%	51.0%	50.8%



Agenda

Current Population Survey Annual Social and Economic Supplement

- 2017 Income, Poverty, and Health Insurance Reports

American Community Survey

- 2017 1-year estimates release updates

Statistics in Schools

- What's new!

Census Business Builder

- 2.4 Update

Census Academy

Q&A

Income and Poverty in the United States: 2017

Current Population Reports

By Kayla Fontenot, Jessica Semega, and Matthew P. Johnson
Issued September 2018
P60-265



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[census.gov](https://www.census.gov)

The Supplemental Poverty Measure: 2017

Current Population Reports

Liana Fox
P60-265
September 2018

INTRODUCTION

Since the publication of the first official U.S. poverty estimates, researchers and policy makers have continued to discuss the best approach to measure income and poverty in the United States. Beginning in 2011, the U.S. Census Bureau began publishing the Supplemental Poverty Measure (SPM), which extends the official poverty measure by taking account of many of the government programs designed to assist low-income families and individuals that are not included in the official poverty measure. This is the eighth report describing the SPM, released by the Census Bureau, with support from the Bureau of Labor Statistics (BLS). This report presents updated estimates of the prevalence of poverty in the United States using the official measure and the SPM based on information collected in 2018 and earlier. Current Population Survey Annual Social and Economic Supplements (CPS ASEC).

Figure 1.
SPM Poverty
Group: 2017
(In percent)



Note: For info and definition
Source: U.S. Census Bureau
Economic Supplement

HIGHLIGHTS

- In 2017, the SPM poverty rate was 13.9 percent, down from 14.0 percent in 2016.
- SPM rates vary by race and ethnicity.

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Health Insurance Coverage in the United States: 2017

Current Population Reports

By Edward R. Berchick, Emily Hood, and Jessica C. Barnett
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- Data are based on the Current Population Survey's Annual Social and Economic Supplement (CPS ASEC).
- CPS ASEC is the official source of national poverty estimates.
- Official poverty estimates are calculated in accordance with OMB Statistical Policy Directive 14.

<https://www.census.gov/newsroom/press-releases/2018/income-poverty.html>

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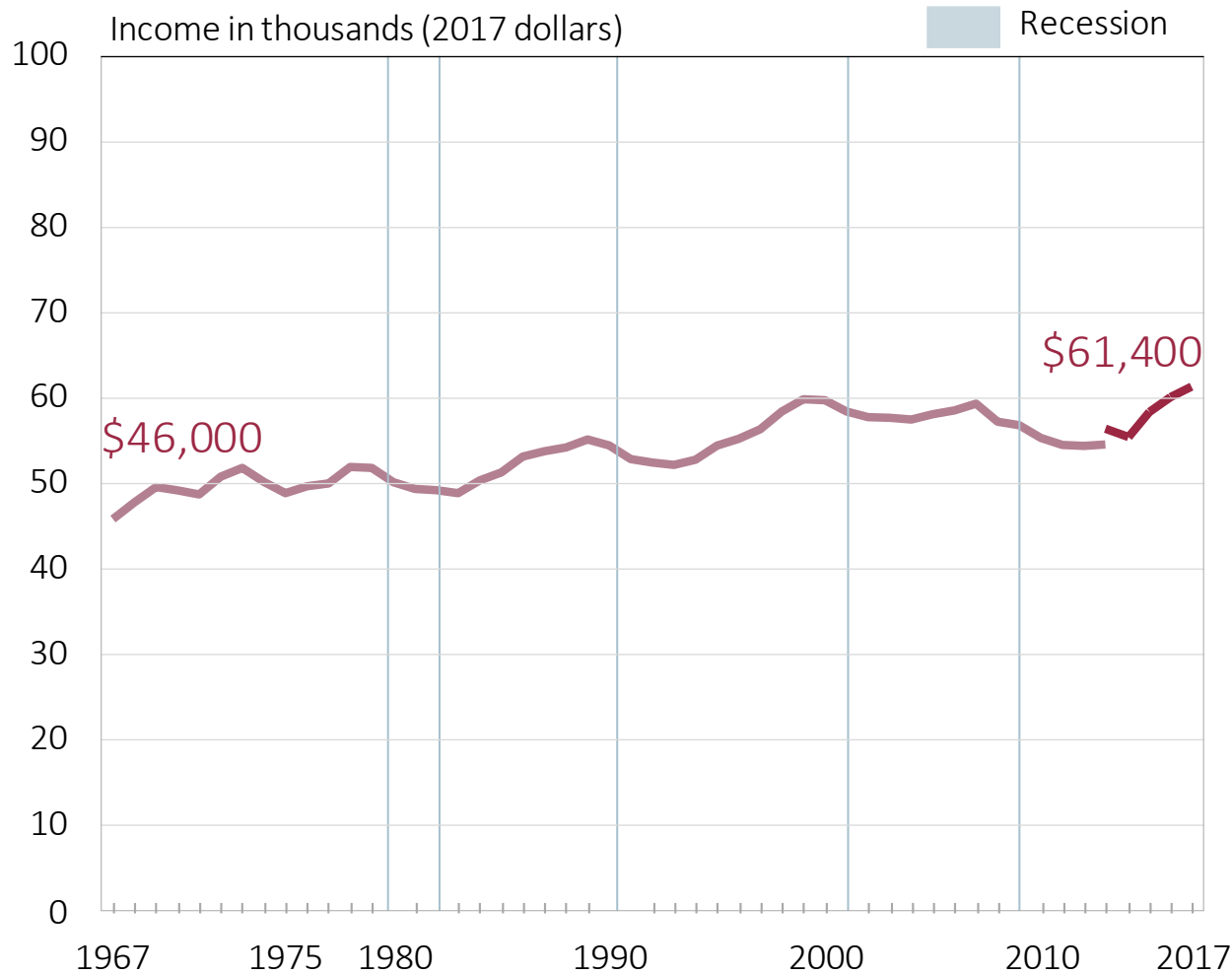


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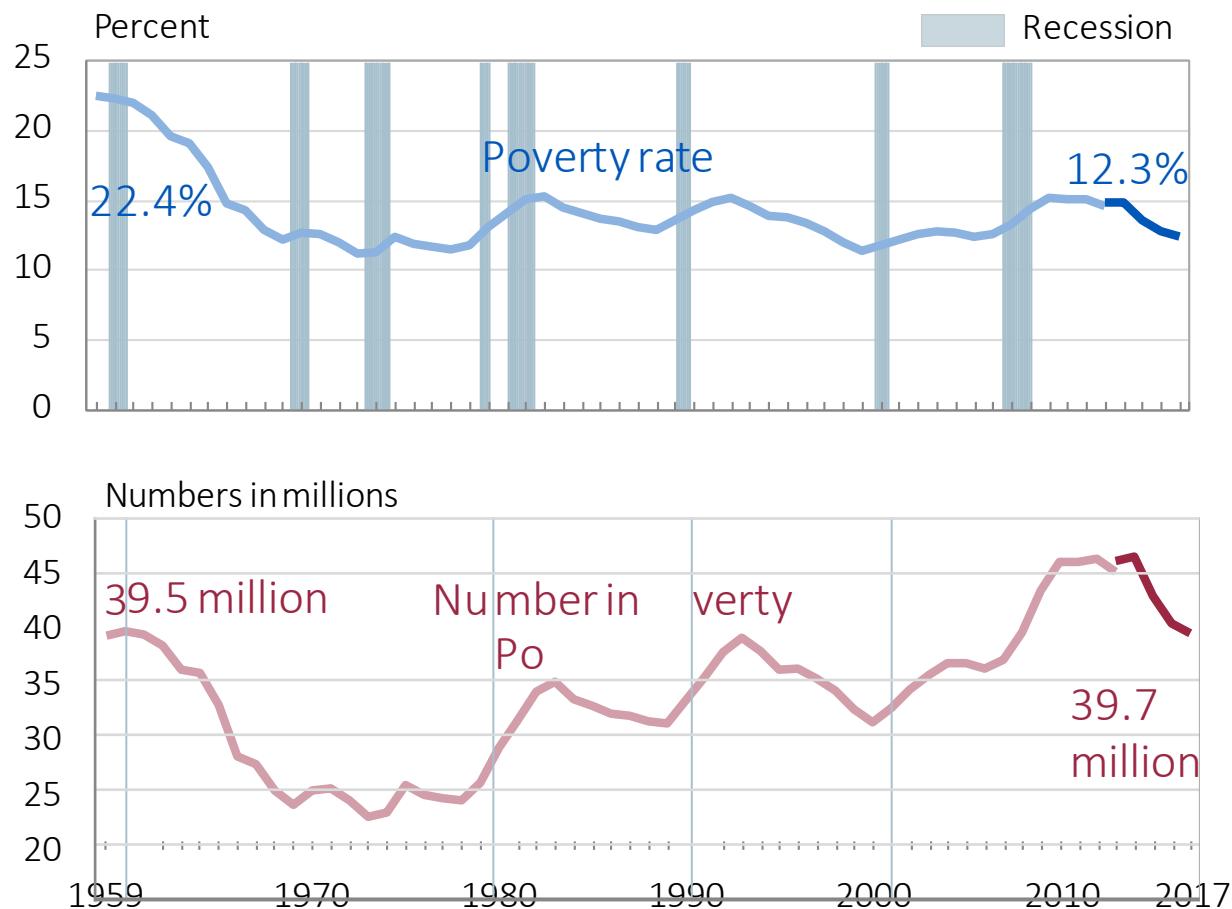
- Includes Current Population Survey (CPS) and American Community Survey (ACS) data.
- ACS is the recommended source for smaller populations and levels of geography.

Real Median Household Income: 1967 to 2017



Median household income was \$61,400 in 2017, an increase in real terms of 1.8 percent from the 2016 median of \$60,300. This is the third consecutive annual increase in median household income.

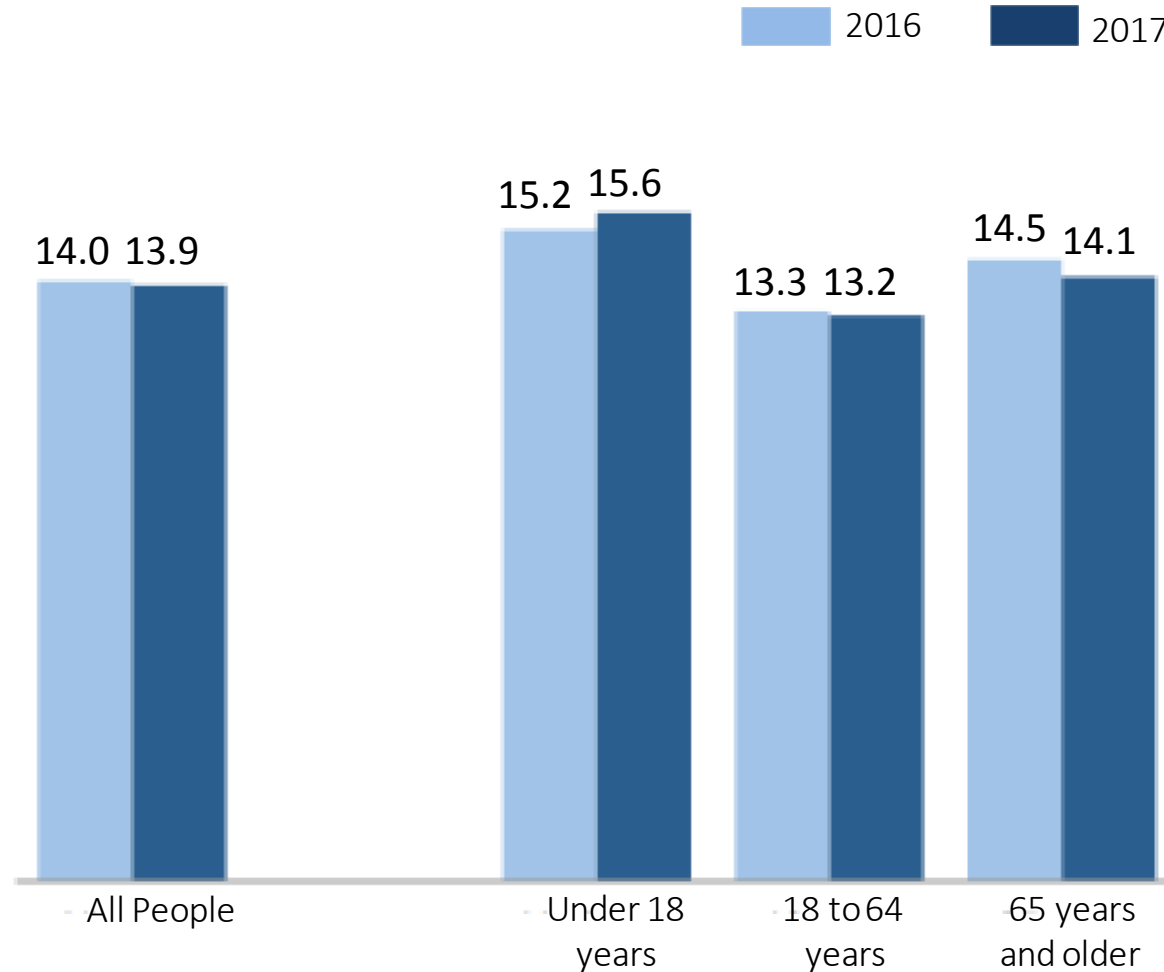
Poverty Rate and Number in Poverty: 1959 to 2017



The official poverty rate in 2017 was 12.3 percent, down 0.4 percentage points from 2016. In 2017, there were 39.7 million people in poverty, not statistically different from the number in poverty in 2016.

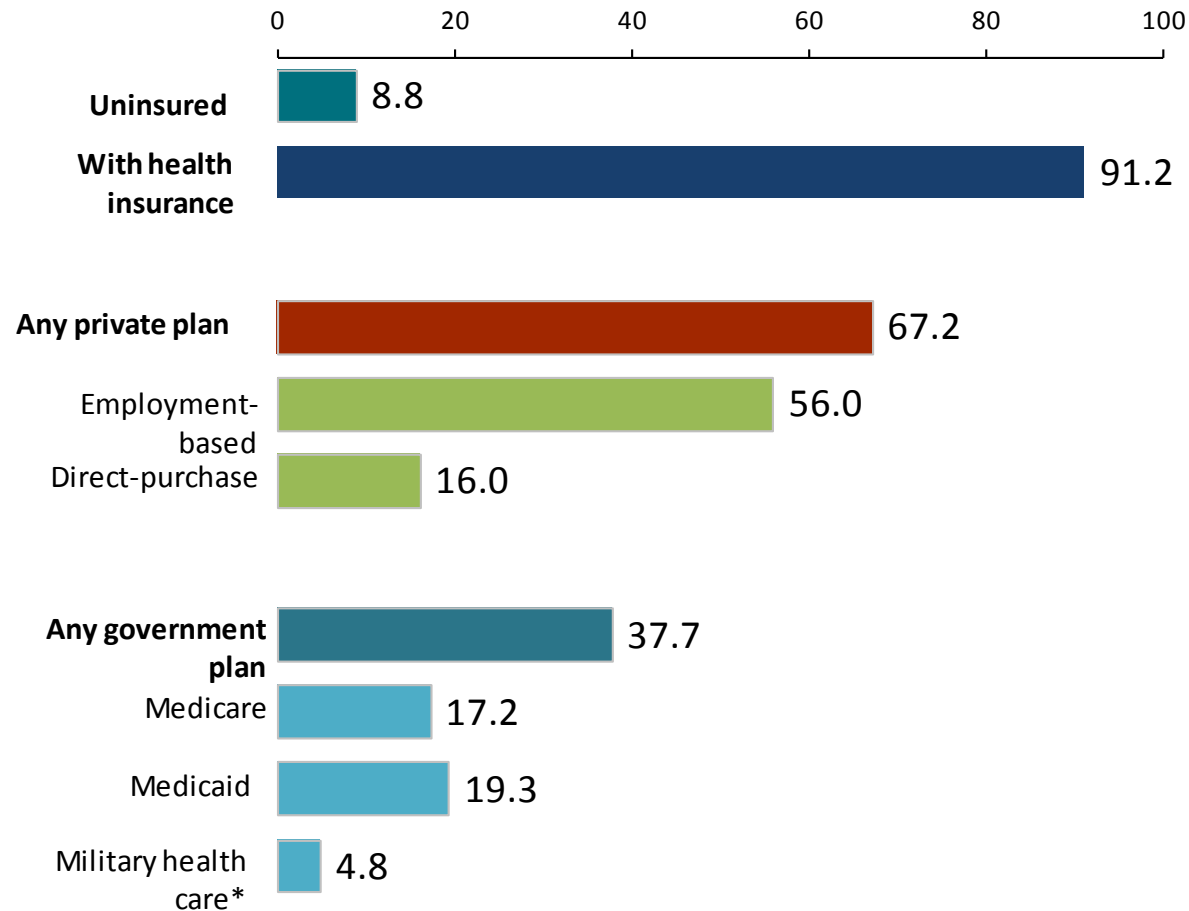
Comparison of SPM Poverty Estimates: 2016 and 2017

(In Percent)



The Supplemental Poverty Measure (SPM) rate in 2017 was 13.9 percent. This is not statistically different from the 2016 SPM rate of 14.0 percent.

Percentage of People by Type of Health Insurance Coverage: 2017

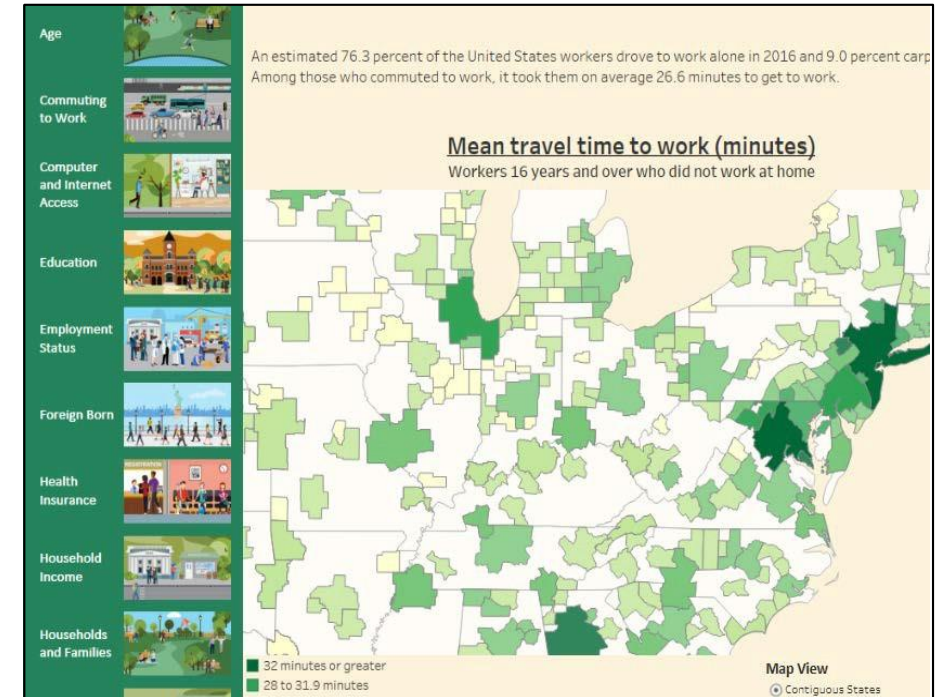


The percentage of people without health insurance coverage for the entire calendar year was 8.8 percent, or 28.5 million people. The uninsured rate and number of uninsured in 2017 were not statistically different from 2016.

American Community Survey – Latest Release

Thursday, September 13th

- 2017 ACS 1-year public release
 - Detailed Tables
 - Summary Tables
 - ACS Data Tools (My Congressional District, QuickFacts, API)
 - State and Metro Area Graphics
 - Pre-Recorded Soundbites
- Infographics and Visualizations



<https://www.census.gov/newsroom/press-kits/2018/acs-1year.html>

ACS Basics: 1-Year Data Products

- Data Profiles
(Social, Economic, Housing, Demographic)
- Comparison Profiles
(2013 to 2017)
- Selected Population Profiles
(Race, Hispanic Origin, Ancestry, Place of Birth)
- Ranking Tables (89)
- Geographic Comparison Tables (96)
- Subject Tables (83)
- Detailed Tables (1,372)
- Supplemental Tables (59) – Oct 2018

Subject			
	2016 Estimate	2015 Estimate	2016 - 2015 Statistical Significance
EMPLOYMENT STATUS			
Population 16 years and over	257,950,721	256,167,758	*
In labor force	63.1%	63.1%	
Civilian labor force	62.8%	62.7%	
Employed	59.1%	58.8%	*
Unemployed	3.6%	3.0%	*

Subject	Occupied housing units	
	Estimate	Margin of Error
Occupied housing units	118,860,065	+/-154,606
HOUSEHOLD SIZE		
1-person household	28.0%	+/-0.1
2-person household	33.9%	+/-0.1
3-person household	15.6%	+/-0.1
4-or-more-person household	22.5%	+/-0.1
OCCUPANTS PER ROOM		
1.00 or less occupants per room	96.6%	+/-0.1
1.01 to 1.50 occupants per room	2.3%	+/-0.1
1.51 or more occupants per room	1.1%	+/-0.1

ACS Changes to Data Collection Methods

- Previous years included Computer Assisted Telephone Interviews (CATI) for non-response
- CATI was eliminated in October 2017 due to increasing cost
- Respondent burden was significantly reduced
- Negligible impact to data quality
- Telephone Questionnaire Assistance (TQA) and Failed Edit Follow Up (FEFU) operations were not changed

<https://census.gov/programs-surveys/acs/news/updates.2017.html>

ACS New Tables

Group Quarters

- Two new Subject Tables have replaced S2601B
 - **S2602:** Characteristics of the Group Quarters Population by Group Quarters Type (3 Types)
 - **S2603:** Characteristics of the Group Quarters Population by Group Quarters Type (5 Types)
- 55 new Detailed Tables as source tables for the new Subject Tables

TableID	Line Number	Description
B26220		GROUP QUARTERS TYPE [5] BY RECEIPT OF FOOD STAMPS/SNAP IN THE PAST 12 MONTHS
B26220		Universe: Population in group quarters
B26220	1	Group quarters population:
B26220	2	Received Food Stamps/SNAP in the past 12 months
B26220	3	Did not receive Food Stamps/SNAP in the past 12 months
B26220	4	Institutionalized group quarters population:
B26220	5	Received Food Stamps/SNAP in the past 12 months
B26220	6	Did not receive Food Stamps/SNAP in the past 12 months
B26220	7	Adult correctional facilities:
B26220	8	Received Food Stamps/SNAP in the past 12 months
B26220	9	Did not receive Food Stamps/SNAP in the past 12 months
B26220	10	Nursing facilities/skilled nursing facilities:
B26220	11	Received Food Stamps/SNAP in the past 12 months
B26220	12	Did not receive Food Stamps/SNAP in the past 12 months
B26220	13	Juvenile facilities:
B26220	14	Received Food Stamps/SNAP in the past 12 months
B26220	15	Did not receive Food Stamps/SNAP in the past 12 months
B26220	16	Noninstitutionalized group quarters population:
B26220	17	Received Food Stamps/SNAP in the past 12 months
B26220	18	Did not receive Food Stamps/SNAP in the past 12 months
B26220	19	College/university student housing:
B26220	20	Received Food Stamps/SNAP in the past 12 months
B26220	21	Did not receive Food Stamps/SNAP in the past 12 months
B26220	22	Military quarters/military ships:
B26220	23	Received Food Stamps/SNAP in the past 12 months
B26220	24	Did not receive Food Stamps/SNAP in the past 12 months

https://www2.census.gov/programs-surveys/acs/tech_docs/table_shells/2017/

2016 Table: S2601B Characteristics of the Group Quarters Population by Group Quarters Type

Subject	United States									
	Total population		Total group quarters population		Adult correctional facilities		Nursing facilities/skilled nursing facilities		College/university housing	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total population	323,127,515	*****	8,079,879	*****	2,189,913	+/-1,046	1,498,858	*****	2,689,356	*****
SEX AND AGE										
Male	49.2%	+/-0.1	60.9%	+/-0.2	90.9%	+/-0.4	36.7%	+/-0.5	45.3%	+/-0.5
Female	50.8%	+/-0.1	39.1%	+/-0.2	9.1%	+/-0.4	63.3%	+/-0.5	54.7%	+/-0.5
Under 15 years	18.9%	+/-0.1	0.8%	+/-0.1	(X)	(X)	(X)	(X)	(X)	(X)
15 to 17 years	3.9%	+/-0.1	1.7%	+/-0.1	0.2%	+/-0.1	(X)	(X)	1.1%	+/-0.1
18 to 24 years	9.6%	+/-0.1	41.2%	+/-0.1	13.7%	+/-0.3	0.2%	+/-0.1	96.5%	+/-0.2
25 to 34 years	13.7%	+/-0.1	12.9%	+/-0.2	33.2%	+/-0.4	0.6%	+/-0.1	2.1%	+/-0.1
35 to 44 years	12.6%	+/-0.1	9.4%	+/-0.1	25.5%	+/-0.4	1.1%	+/-0.1	0.3%	+/-0.1
45 to 54 years	13.2%	+/-0.1	8.1%	+/-0.1	17.0%	+/-0.3	4.0%	+/-0.2	0.1%	+/-0.1
55 to 64 years	12.8%	+/-0.1	7.0%	+/-0.1	8.0%	+/-0.2	10.9%	+/-0.3	0.1%	+/-0.1
65 to 74 years	8.9%	+/-0.1	5.0%	+/-0.1	2.0%	+/-0.1	17.7%	+/-0.3	0.0%	+/-0.1
75 to 84 years	4.4%	+/-0.1	5.6%	+/-0.1	0.3%	+/-0.1	25.7%	+/-0.4	(X)	(X)
85 years and over	1.9%	+/-0.1	8.3%	+/-0.1	0.0%	+/-0.1	39.8%	+/-0.5	(X)	(X)

2017 Table: S2603 Characteristics of the Group Quarters Population By Group Quarters Type (5 Types)

Subject	United States													
	Total population		Total group quarters population		Adult correctional facilities		Nursing facilities/skilled nursing facilities		Juvenile Facilities		College/university housing		Military quarters/military ships	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total population														
SEX AND AGE														
Male														
Female														
Under 15 years														
15 to 17 years														
18 to 24 years														
25 to 34 years														
35 to 44 years														
45 to 54 years														
55 to 64 years														
65 to 74 years														
75 to 84 years														
85 years and over														

ACS New Tables (continued)

Citizen Voting-Age Population

- **B29001:** Citizen, Voting-Age Population by Age
- **B29002:** Citizen, Voting-Age Population by Educational Attainment
- **B29003:** Citizen, Voting-Age Population by Poverty Status
- **B29004:** Median Household Income for Households with a Citizen, Voting-Age Householder (in 2017 Inflation-Adjusted Dollars)
- **S2901:** Citizen, Voting-Age Population by Selected Characteristics

Table ID	Line Number	Description
S2901	0	CITIZEN, VOTING-AGE POPULATION BY SELECTED CHARACTERISTICS
S2901	0.5	Subject
S2901	1	Citizens 18 years and over
S2901	1.5	AGE
S2901	2	18 to 29 years
S2901	3	30 to 44 years
S2901	4	45 to 64 years
S2901	5	65 years and over
S2901	5.3	
S2901	5.5	SEX
S2901	6	Male
S2901	7	Female
S2901	7.3	
S2901	7.5	RACE AND HISPANIC ORIGIN
S2901	8	White alone
S2901	9	Black or African American alone
S2901	10	Asian alone
S2901	11	American Indian and Alaska Native alone

https://www2.census.gov/programs-surveys/acs/tech_docs/table_shells/2017/

ACS New Tables (continued)

Income and Earnings

- **B19122:** Number of Earners in Family
- **B20018:** Median Earnings in the Past 12 Months (in 2017 Inflation-Adjusted Dollars) for the Population 16 Years and Over Who Worked Full-Time, Year-Round with Earnings in the Past 12 Months

TableID	Line Number	Description
B19122		NUMBER OF EARNERS IN FAMILY
B19122		Universe: Families
B19122	1	Total:
B19122	2	No earners
B19122	3	1 earner
B19122	4	2 earners
B19122	5	3 or more earners

Health Insurance

- **C27021:** Health Insurance Coverage Status by Living Arrangement

https://www2.census.gov/programs-surveys/acs/tech_docs/table_shells/2017/

ACS Noteworthy Data Product Modifications

Modifications made to tables on:

- Health Insurance
- Age and Sex
- Foreign-Born Population
- Income and Earnings
- Marital History
- Grandparents Living with Grandchildren

Changes include improvements to:

- Age categories
- Table universe
- Income detail
- Poverty thresholds
- Table display (counts and percentages)
- Level of detail to ensure confidentiality

ACS Geography Update

- New Geographies:
 - **American Indian off-reservation trust lands:** 9 new geographies in California, Massachusetts, Michigan, and Washington
 - **County Subdivisions:** 9 new geographies in Louisiana, Ohio, South Dakota, and Wisconsin
 - **Places:** 7 new cities, villages, and census-designated places in Florida, Georgia, Illinois, South Dakota, Texas, and Wisconsin.
- Boundary changes due to annexation, disincorporation, and geocoding updates

<https://census.gov/programs-surveys/acs/technical-documentation/table-and-geography-changes.html>

Guidance for ACS Users



Compare across geographies and population subgroups using 2017 ACS



Compare 2016 ACS and 2017 ACS estimates but use caution when comparing

- Income, Earnings, and Poverty




Compare percentages, means, medians, and rates instead of totals whenever possible



Don't expect ACS estimates to match decennial census counts or estimates from other surveys

<https://census.gov/programs-surveys/acs/guidance/comparing-acs-data/2017.html>

ACS Website



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How do I respond to the ACS?



Why do you ask each question?



Where can I get ACS data?



Stats In Action: New Orleans...

Data Tables & Tools

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[More ACS Tools & Apps](#)
[Data via FTP](#)
[Summary File Data](#)
[PUMS Data](#)

Ranking Tables

Show entries

Filter by keyword:

Table Title	Topic	Table ID
Percent Of The Total Population Who Are White Alone	Race	R0201
Percent Of The Total Population Who Are Black Or African American Alone	Race	R0202
Percent Of The Total Population Who Are American Indian And Alaska Native Alone	Race	R0203
Percent Of The Total Population Who Are Asian Alone	Race	R0204
Percent Of The Total Population Who Are Native Hawaiian And Other Pacific Islander Alone	Race	R0205
Percent Of The Total Population Who Are Some Other Race Alone	Race	R0206
Percent Of The Total Population Who Are Two Or More Races	Race	R0207
Percent Of The Total Population Who Are Two Or More Races Excluding Some Other Race	Race	R0208

[Share Your ACS Data Story!](#)

<https://www.census.gov/acs/www/data/data-tables-and-tools/>

Comparison Guidance

About the Survey

Respond to the Survey

News & Updates

Data

Guidance for Data Users

Subjects Included in the Survey

Which Data Table or Tool Should I Use?

When to Use 1-year, 3-year, or 5-year Estimates

Handbooks

Comparing ACS Data

ACS/Census Table Comparisons

2017

2016

2015

2014

2013

f

t

in

Comparing 2017 American Community Survey Data

Learn more about making the following comparisons:

- Comparing the 2017 ACS estimates with Census 2000 (second column below)
- Comparing the 2017 ACS 1-year with the 2016 ACS 1-year estimates (third column below)
- Comparing the 2017 ACS estimates with 2010 Census (fourth column below)

✓

Age; Sex (01)

✓

Race (02)

✓

Hispanic or Latino Origin (03)




✓

Ancestry (04)

<https://www.census.gov/programs-surveys/acs/guidance/comparing-acs-data/2017.html>


Documentation

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[Guidance for Data Users](#)
[Geography & ACS](#)
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Code Lists, Definitions, and Accuracy
[User Notes](#)
[Errata Notes](#)
[Data Suppression](#)
[Table & Geography Changes](#)
[Table Shells](#)
[Summary File Documentation](#)
[PUMS Documentation](#)
[Variance Replicate Tables Documentation](#)
[Race/Ethnicity and American Indian & Alaska Native Documentation](#)
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Code Lists, Definitions, and Accuracy

View the detailed codes and definitions for variables, statistical testing, and an explanation of sample design, methodology, and accuracy for the American Community Survey.

[2017](#) [2016](#) [2015](#) [2014](#) [2013](#) [2012](#) [2011](#) [2010](#) [MORE](#) 


Code Lists

Detailed codes for variables that contain a large number of coded responses, such as ancestry and occupation

 [2017 Code List](#) [1.0 MB]


Subject Definitions

Definitions of population and housing variables to help you understand the results of the American Community Survey

 [2017 Subject Definitions](#) [1.4 MB]

Group Quarters Definitions

Definitions for classifying group living situations according to the type of housing and/or services provided


 [2017 Group Quarters Definitions](#) [[1.0 MB](#)]

Comparison Guidance

(Available 9/13/18)


Instructions for Applying Statistical Testing

Basic instructions for obtaining the ACS standard errors needed to do manual statistical testing

 [2017 Instructions for Applying Statistical Testing to ACS 1-year Data](#) [[1.0 MB](#)]

Statistical Testing Tool

Spreadsheet to quickly test whether ACS estimates are statistically different from one another.

 [Statistical Testing Tool](#)

Accuracy of the Data

(Available 9/13/18)

Why We Ask

American Community Survey

[Back to Topics Page](#)

Why We Ask Questions About...

Computer and Internet Use

We ask questions about the computers and devices that people use, whether people access the internet, and how people access the internet to create data about computer and internet use.

We added these questions in 2013 as a requirement of the Broadband Data Improvement Act of 2008. They help federal agencies measure the nationwide development of broadband access and decrease barriers to broadband access.



Your privacy concerns

We use your confidential survey answers to create statistics like those in the results below and in the full tables that contain all the data—no one is able to figure out your survey answers from the statistics we produce. The Census Bureau is legally bound to strict confidentiality requirements. Individual records are not shared with anyone, including federal agencies and law enforcement entities. By law, the Census Bureau cannot share respondents' answers with anyone—not the IRS, not the FBI, not the CIA, and not with any other government agency.

Questions as they appear on the form

We ask three questions that cover the type of computer you use, whether you have internet access, and what type of internet access you have.

[View Questions](#)

Results from these questions

We compile the results from these questions to provide communities with important statistics to evaluate access to computers and the internet. You can see some of these published statistics here for the nation, states, and communities (counties, cities, towns) with a population of 65,000 or more.*

[Close Results](#)

*Please note: Data will be available for all communities in 2018 when the 2013-2017 ACS 5-year estimates are released.

United States

Households with a Computer

89.3 percent

Source: Latest ACS 1-Year Estimates Data Profiles/Social Characteristics

Households with a Broadband Internet Subscription

81.4 percent

Source: Latest ACS 1-Year Estimates Data Profiles/Social Characteristics

Population 65+ with No Computer in Household

20.2 percent

Source: Latest ACS 1-Year Estimates Subject Tables: S2802

View Results for a State

Louisiana

[Get Data](#)

Louisiana

Households with a Computer

84.5 percent

Source: Latest ACS 1-Year Estimates Data Profiles/Social Characteristics

Households with a Broadband Internet Subscription

74.4 percent

Source: Latest ACS 1-Year Estimates Data Profiles/Social Characteristics

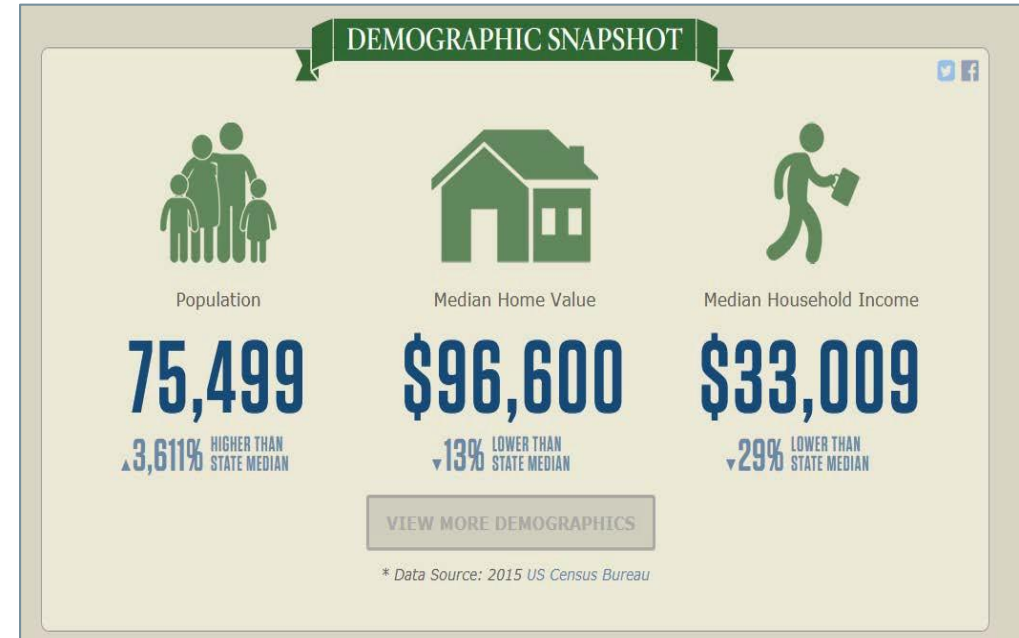
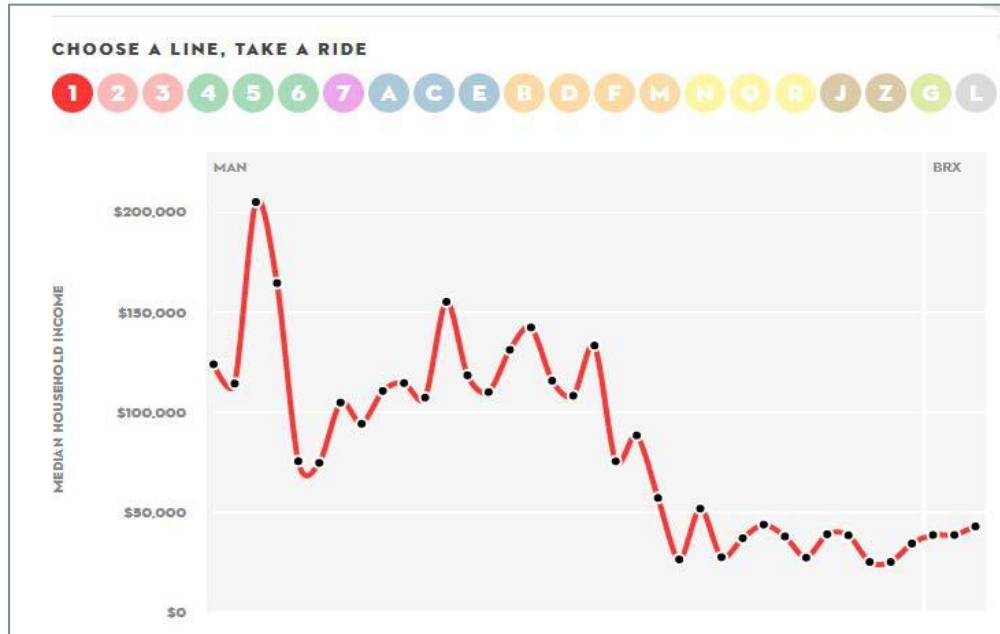
Population 65+ with No Computer in Household

27.7 percent

Source: Latest ACS 1-Year Estimates Subject Tables: S2802

<https://www.census.gov/acs/www/about/why-we-ask-each-question/>

Application Programming Interface (API)



<https://www.census.gov/data/developers/data-sets.html>

Future ACS Data Releases

2017 ACS 1-Year Supplemental Estimates (Geographies of 20,000+)

- Thursday, October 18: Public Release

2013-2017 ACS 5-Year Estimates (All geographic areas)

- Tuesday, December 4: Embargo Begins
- Thursday, December 6: Public Release

Public Use Microdata Sample Files (PUMS)

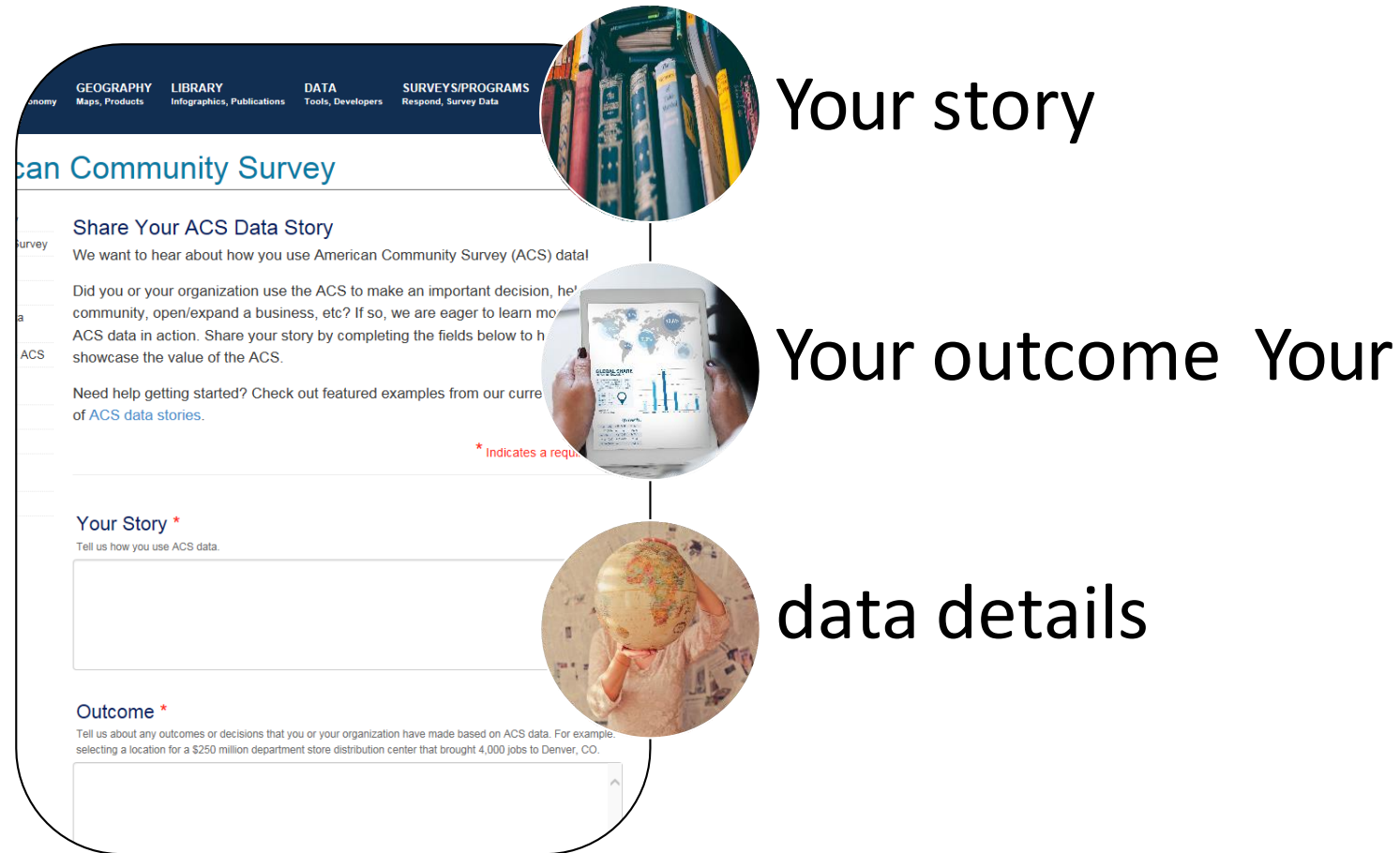
- Thursday, October 18: 2017 1-Year PUMS File
- January 17, 2019: 2013-2017 5-Year PUMS File

2013-2017 Variance Replicate Estimates

- January 17, 2019: Public Release

<https://census.gov/programs-surveys/acs/news/data-releases/2017/release-schedule.html>

Data Tell Stories. Tell Us Yours!



Share Your ACS Data Story

We want to hear about how you use American Community Survey (ACS) data!

Did you or your organization use the ACS to make an important decision, help a community, open/expand a business, etc? If so, we are eager to learn more about ACS data in action. Share your story by completing the fields below to help showcase the value of the ACS.

Need help getting started? Check out featured examples from our current collection of [ACS data stories](#).

* Indicates a required field

Your Story *

Tell us how you use ACS data.

Outcome *

Tell us about any outcomes or decisions that you or your organization have made based on ACS data. For example, selecting a location for a \$250 million department store distribution center that brought 4,000 jobs to Denver, CO.

<https://www.census.gov/acs/www/share-your-story/>

Census Business Builder

United States Census Bureau

Census Business Builder: Small Business Edition - 2.3

Privacy Act Statement FAQs Send Feedback

Determine the Best Location for Your Business

1. What type of business do you want to research?

Select the type of business you want to research by either selecting it first from the "Most Popular" categories below (and the detailed list provided) or by using the Type of Business Search. (You must choose one type of business.)

Construction Food Services Healthcare Personal Services Prof & Biz Services Retail

or Search for your type of business

Industry Title, Keyword, or NAICS Code

2. Where are you considering locating the business?

Select the location you want to research either clicking on the My Location button or by searching for it.

My Location or State, County, City/Town, or ZIP Code

Go To Map

Create Report

Powered by the U.S. Census Bureau and Esri. For help using this tool (including tutorial flyers and FAQs), see the [CBB Home Page](#).
© 2017 U.S. Census Bureau, U.S. Department of Commerce. Learn more about other Census Bureau data by visiting the [Census Home Page](#).

United States Census Bureau

Census Business Builder: Regional Analyst Edition - 2.3

Privacy Act Statement FAQs Send Feedback

Define your region

What is the primary state, county, city/town, or ZIP Code in your region?

Select the primary state, county, city/town, or ZIP Code in your region by either clicking on the My Location button or by searching for it.

My Location or State, County, City/Town, or ZIP Code

Powered by the U.S. Census Bureau and Esri. For help using this tool (including tutorial flyers and FAQs), see the [CBB Home Page](#).
© 2017 U.S. Census Bureau, U.S. Department of Commerce. Learn more about other Census Bureau data by visiting the [Census Home Page](#).
Release: 2.3 (Build: 11)

Guiding Principles

- Easy to use
- Customer focused
- Provide access to Census data and more
 - USDA & third party
- Leverage existing Census investments
 - Esri, API
- Use latest technology
 - Cloud
- Provide for free

V.2.4
Is
HERE!

CBB Home Page

<https://www.census.gov/data/data-tools/cbb.html>

Census Business Builder 2.4 Update

What's New in Version 2.4

New and Expanded Content:

- Revised business data (from the 2016 County Business Patterns and 2016 Nonemployer Statistics program).

New or Revised Features:

- Ability to build regions in RAE by combinations of States, Counties, Cities/Towns, ZIP codes, and **Tracts (Tracts is new!)**.
- Ability to build regions in RAE by combinations of geographic areas across types.

https://www.census.gov/data/data-tools/cbb.How_Tos.html

Statistics in Schools



Statistics in Schools



Educate your students about the value and everyday use of statistics. The Statistics in Schools program provides resources for teaching and learning with real life data. Explore the site for standards-aligned, classroom-ready activities.



census.gov/schools

Grade Levels and Subjects

Classroom activities available for:

- Elementary and middle school

- ✓ Math
- ✓ Geography
- ✓ History

- High school

- ✓ Math
- ✓ History
- ✓ Geography
- ✓ Sociology




Census Bureau 101 for Students

Our “*Census Bureau 101 for Students*” handout includes information about:

- The first census and its purpose
- The progression of the decennial census
- Other prominent Census Bureau surveys
- Available at:

<https://www.census.gov/schools/about/students101.html>



The graphic at the top of the handout features a horizontal arrangement of colorful circular icons. From left to right, the icons include: a family silhouette, a portrait of a young woman, a bar chart, a map of the United States, a group of children, a shopping cart, and a school bus. The background is white with scattered colorful dots.



CENSUS BUREAU 101 FOR STUDENTS

The U.S. Census Bureau is the leading source of information on the nation's people, places, and economy, providing data about our country's population size and growth as well as detailed portraits of the changing characteristics of our communities. The Census Bureau, part of the U.S. Department of Commerce, was created to address language in the Constitution on America's need to count its population.

America's founders recognized that this information was needed to effectively serve its people. The data collected as part of the first count in 1790 — a six-question survey — expanded in the following years to include information on the economy, immigration, migration, and agriculture. One of the most important ways all of this information has been used is to determine apportionment of the seats in the U.S. House of Representatives.

The count of the U.S. population — carried out every 10 years — is called the Decennial Census of Population and Housing. During the decennial census, the Census Bureau contacts every household, asking questions such as:

- How many people live or stay in this house, apartment, or mobile home?
- What is the name of the person who owns this house, apartment, or mobile home?
- How old is the person who owns this house, apartment, or mobile home? When is his or her birthday?

[census.gov/schools](https://www.census.gov/schools)

Top 10 Benefits for Teachers

Our “*Top 10 Benefits of Statistics in Schools for Teachers*” handout highlights that:

- Activities were developed by teachers, for teachers.
- The program promotes cross-curricular education.
- Activities can augment teachers’ curriculum.
- The program can easily be expanded or modified to meet students’ skill levels.
- Activities correspond with specified, relevant standards and guidelines.
- All resources are completely free and ready to use.
- Available at:
<https://www.census.gov/schools/about/top10.html>




**TOP 10 BENEFITS OF
STATISTICS IN SCHOOLS FOR TEACHERS**

The Statistics in Schools (SIS) program of the U.S. Census Bureau provides data, tools, and activities that educators can incorporate into their lessons to help teach statistics concepts and data analysis skills to students. The activities and resources are segmented by subject (geography, history and social studies, mathematics and statistics, and sociology) and grade (from kindergarten through high school) so statistics education can be brought to any classroom.

Here are the top 10 reasons the SIS program is good for the classroom:

- 1 The online resources are free for K-12 teachers.**
Educators can access, at no charge, more than 100 downloadable activities and resources on the website: www.census.gov/schools. The activities on the website are searchable by grade, school subject, topic, and education standard.
- 2 Experts from the U.S. Census Bureau contributed to the program.**
The Census Bureau, which launched SIS, is the primary source of economic and demographic data for the United States. Census Bureau statistical experts were involved in the creation of the program activities, making SIS uniquely qualified to support statistics education.
- 3 The program promotes cross-curricular education.**
SIS uses a broad array of Census Bureau data to provide activities and resources for courses in geography, history and social studies, mathematics and statistics, and sociology.
- 4 SIS offers a number of resources and tools, including:**
 - Activities
 - Games
 - Maps
 - Infographics and data visualizations
 - News articles
 - Data tools that reveal population statistics by sex, age, ethnicity, and race
 - Videos

 [census.gov/schools](https://www.census.gov/schools) 

New Materials

Statistics in Schools has a number of new activities and resources:

- English Activities
- New Geography Activities
- Fun Facts
- Warm-Up Activities
- Monthly Newsletter

Fun Facts: Thanksgiving Day - 4th Thursday of November

A History of Giving Thanks

- In 1621, the Pilgrims — early settlers of Plymouth Colony — held a three-day feast to celebrate a bountiful harvest. Many regard this event as the nation's first Thanksgiving.
- The history of Thanksgiving has evolved over the centuries, with the event becoming a national holiday on October 3, 1863. It was then that President Abraham Lincoln proclaimed the last Thursday of November as a national day of Thanksgiving.
- Later, President Franklin Roosevelt confirmed that Thanksgiving Day should always be celebrated on the fourth (not last) Thursday of the month (excepting earlier holiday shopping). Consider the last Thursday of November is the 19th Thursday.

Thanksgiving's Native American Roots

- 6,500: The number of members of the Wampanoag American Indian tribe as of 2010. The Wampanoag played the first Thanksgiving, playing a leading role in the historic event. In 2010, roughly half of the tribe resided in Massachusetts.

Turkey Towns and Cranberry Counties

4. The number of places in the United States named after the holiday's traditional main course.

- Turkey Creek, Arizona (Population — 405)
- Turkey, Texas (Population — 367)
- Turkey Creek, Louisiana (Population — 357)
- Turkey, North Carolina (Population — 280)

4. The number of census places in the United States named Cranberry, a popular side dish at Thanksgiving.

- Most populous: Cranberry Township, Butler County, Pennsylvania (Population — 30,735)
- Second most populous: Cranberry Township, Sevier County, Tennessee (Population — 6,452)

Food for the Big Feast

There were...

- 66,284 supermarkets and other grocery (except convenience) stores
- 3,510 baked goods stores
- 2,792 fruit and vegetable markets in the United States in 2015.

Which states were forecasted to raise the most turkeys in 2016?

- Minnesota (44.5 million)
- North Carolina (33.5 million)
- Arkansas (28 million)
- Indiana (19.5 million)
- Missouri (19.2 million)
- Virginia (17.2 million)

What's a Pilgrim's favorite kind of music?

Plymouth Rock.

Source: Data on the origins from the U.S. Census Bureau's 2010 Census, 2010-2015 American Community Survey, 2016 Population Estimates, and 2015 County Business Patterns as well as the U.S. Department of Agriculture's National Agricultural Statistics Service.

United States Census Bureau
CENSUS.GOV/SCHOOLS

Minute Challenge: Honoring Those Who Served
Warm-Up Activity

Percent by state

- 9.5% or more
- 8.5% to 9.4%
- 7.5% to 8.4%
- Less than 7.5%

Source: 2015 American Community Survey
www.census.gov/acs

In the following table, list the states/territories with the largest percentages of veterans (9.5 percent or more) in the top row and those with the smallest percentages of veterans (less than 7.5 percent) in the bottom row. Don't forget to look at Alaska, Hawaii, and Puerto Rico!

States/Territories With 9.5% or More Veteran Populations	States/Territories With Less Than 7.5% Veteran Populations

Now answer the following questions:

1. Do you see any trends in the data? If so, describe them.
2. Review the percentage of veterans who live in your state. Are you surprised by the percentage? If so, or if not, describe why.
3. What is one question you have about the information displayed on this map?

United States Census Bureau
CENSUS.GOV/SCHOOLS

STATISTICS IN SCHOOLS

Census.gov/Academy: Visit and Subscribe

✓ Receive weekly Data Gems.

These short “how-to” videos are an easy and quick way to increase your knowledge of Census data. Get them in your inbox!

✓ Get access to our data courses.

You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

✓ Interact with our instructors via webinars.

Learn about our data releases and tools while attending these live virtual classes.

✓ Bring our data experts to you.

[Request](#) free workshops and webinars for your organization:
census.askdata@census.gov

✓ Take part in this community

[Share](#) your feedback and ideas for our educational content:
Census.academy@census.gov

<https://census.gov/academy>



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Census Academy

Data Gems
Webinars
Courses - Coming Soon!



Upcoming Webinars

August 2nd 2018 Economic Programs Webinar Series: Professional/Scientific
September 12th 2018 Economic Programs Webinar Series: Hidden Gems

Data Gem of the Week



Data Gems

All 2018



How Do I Get Business Data for My Location?

July 02, 2018

If you are looking to open or expand your business, check this tip to learn how to access statistics about your market, customers, and other businesses.



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Continue the Conversation #ACSdata



Sign up for and manage alerts at
<https://public.govdelivery.com/accounts/USCENSUS/subscriber/new>



More information on the
American Community Survey:
<https://www.census.gov/acs>



Census (Non-media inquiries)
800-923-8282

Public Information Office (Media)
301-763-3030



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Additional Resources:

Want Free Training?

Need Local Stats?

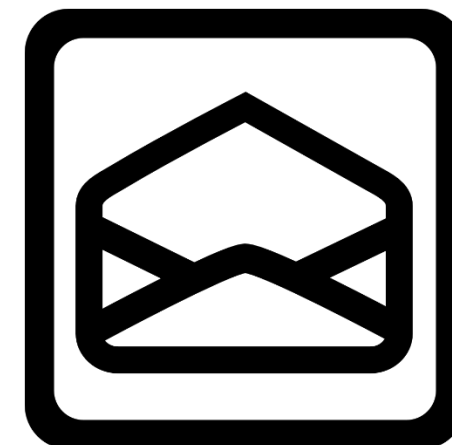
U.S. Census Bureau
Data Dissemination Specialist (DDS)



Eric Coyle

(702) 236-3202

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Additional Assistance:

Toll-free number:

1-844-ASK-DATA (1-844-275-2342)

census.askdata@census.gov

Q&A and Thank You!

